

Top Ten Highest Historical Crests: Susquehanna River at Marietta

Latitude: 40.054

Period of Record: 1889-Present

Longitude: -76.531

Flood Stage: 49

Last Flood: 9/9/2011

Total Number of Floods: 36

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
6/23/1972	64.54	1,080,000	Hurricane Agnes made landfall again over southeastern New York on June 22 and moved westward into Pennsylvania. Rainfall totals from June 20-25 range from 2-3 inches in the Upper Potomac to 18 inches near Shamokin, Pennsylvania.
3/19/1936	60.73	787,000	Two successive rainstorms combined with snowmelt flooded the Eastern Seaboard from Virginia to Maine. A total of 150 to 200 lives were lost and damage estimates were over \$1 million.
6/2/1889	58.30	630,000	A mesoscale convective complex caused 9 inches of rain to fall in 36 hours with 4 inches of rain occurring in 8 hours. Most of Williamsport, Lock Haven, Muncy, Jersey Shore and Montgomery were submerged.
9/9/2011	58.16	665,000	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
1/21/1996	56.80	601,000	Southerly winds, high dewpoints and intense rainfall caused a rapid snowmelt. The resultant flooding was the worst to hit the entire MARFC area since 1972.
9/20/2004	56.28	577,000	The remnants of Hurricane Ivan, combined with a cold front, produced an average rainfall amount of 2-4 inches in NY, 3-7 inches in PA, 1-3.5 inches in NJ and 2 inches in WV.
9/27/1975	55.73	545,000	The remnants of Hurricane Eloise combined with a cold front and produced very heavy rainfall in the Mid-Atlantic. Washington, D.C. reported 9.08" of rainfall. Total damage for Virginia was estimated to be \$17.2 million.
5/29/1946	54.90	492,000	The weather summary is unavailable at this time.
3/12/1964	54.03	473,000	Low pressure moved up the Ohio valley and through the eastern Great Lakes. High temperatures became progressively warmer each day eventually rising into the 60s.

Drainage Area: 25990 sq mi

Gage Datum: 200.56 ft MSL

Lower Main Stem Susquehanna Basin

County of Gage: Lancaster

County of Forecast Point: Lancaster

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
2/16/1984	53.49	458,000	A strong closed low pressure system moved through the region and was quickly followed by a secondary low pressure system. Rainfall from both systems totaled 2 - 4 inches and widespread flooding was reported in 5 states.

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